

NAME P/N QTY	CRIT	FAILURE MODE & CAUSES	FAILURE EFFECT	RATIONALE FOR ACCEPTANCE
--------------------	------	-----------------------------	----------------	--------------------------

800FM01Z

D. Failure History -

J-EMU-800--001 (7/11/00)

Pin (#4) recessed in connector. Found during inspection of EMU Power Harness connectors prior to fitcheck with the Rechargeable EVA Battery Assembly (REBA). Improper use of extraction tool during intended pin removal at assembly caused anomaly. Proper use of extraction tool not contained in NASA-STD-8739.4 or CTSD/ ILC fabrication procedures. CTSD procedures revised (ref. EPSP-0-288 PD # 190-00H). ILC work instructions revised (ref. EC 002-251, 002-252, 002-253). YTN issued to screen inventory.

E. Ground Turnaround -

Heater functional test and heater circuit quantitative resistance test.

F. Operational Use -

1. Crew Response -

Pre-EVA/Post EVA: Troubleshoot problem. Use third EMU, if available. If no success, EMU no-go for EVA.

EVA: If loss of fingertip heating occurs in one glove, turn off power to the glove, terminate EVA. If loss of fingertip heating occurs in both gloves, turn off power from battery, terminate EVA.

2. Special Training -

None.

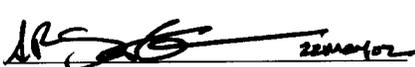
3. Operational Considerations -

Not Applicable.

EXTRAVEHICULAR MOBILITY UNIT
SYSTEMS SAFETY REVIEW PANEL REVIEW
FOR THE
I-106 GLOVE ASSEMBLY
CRITICAL ITEM LIST (CIL)

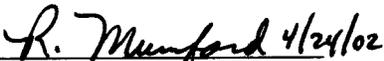
EMU CONTRACT NO. NAS 9-97150

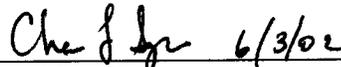
Prepared by: 
HS - Project Engineering

Approved by:  22mar/02
NASA - SSA/SSM

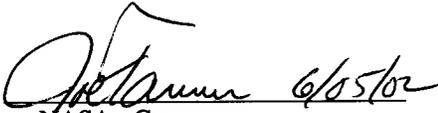

HS - Reliability

 5/23/02
NASA - EMU/SSM

 4/24/02
HS - Engineering Manager

 6/3/02
NASA - S & MA

 6/3/02
NASA - MOD

 6/5/02
NASA - Crew

 6/3/02
NASA - Program Manager